

Docket No.: O3020.0288/P288-A  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Nobuaki Omata, et al.

Application No.: Not Yet Assigned

Confirmation No.:

Filed: January 5, 2004

Art Unit: N/A

For: ACTUATOR AND METHOD OF  
MANUFACTURING A STRAIN  
ELEMENT

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Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the divisional application submitted herewith. Those patents or publications which are marked with an asterisk (\*) next to the Cite No. in the attached form PTO/SB/08 are not supplied because they were previously cited by or submitted to the Office in a prior application number 10/032,463, filed January 2, 2002 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. O3020.0288/P288-A.

Dated: January 5, 2004

Respectfully submitted,

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	
				First Named Inventor	Nobuaki Omata
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	O3020.0288/P288-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A*	4,638,207	1-1987	Radice	
	B*	4,435,667	3-1984	Kolm et al.	
	C*	3,900,748	8-1975	Adler	
	D*	3,816,774	6-1974	Ohnuki et al.	
	E*	3,798,474	3-1974	Cassand et al.	
	F*	3,781,955	1-1974	Lavrinenko et al.	
	G*	2,497,108	2-1950	Williams	
	H*	5,109,861	5-1992	Walinsky, et al.	
	I*	5,526,601	6-1996	Onuma et al.	
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	L*	4,768,173	8-1988	Gautier et al.	
	M*	4,843,275	6-1989	Radice	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AA*	JP-06-216424	08/05/1994	Toyota Motor Corp.		ABSTRACT
	BB*	JP-04-025640	01/29/1992	Toyota Tire & Rubber Co. Ltd.		ABSTRACT
	CC*	WO-01-47318-A2	6-2001	Hooley et al.		
	DD*	WO-98-09339	3-1998	Wyatt, et al.		
	EE*	JP-356131221-A	10-1981	Takahashi		
	FF*	JP-57-15600	1-1982	Obara et al.		
	GG*	JP-57-208798	12-1982	Izumi		
	HH*	JP-11-112046	4-1999	Kyocer Corp.		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/032,463
				Filing Date	January 2, 2002
				First Named Inventor	Nobuaki Omata
				Group Art Unit	2834
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	O3020.0288/P288

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	II*	JP-11-195819	7-1999	Imazu		
	JJ*	JP-2000-174353	6-2000	Yoshida et al.		
	KK*	JP-60-63401	4-1985	Tanaka		
	LL*	JP-60-264200	12-1985	Kagawa et al.		
	MM*	JP-5-136476	6-1993	Daimon et al.		
	NN*	JP-6-22396	1-1994	Hyodo et al.		
	OO*	JP-7-103999	4-1995	Sekido et al.		
	PP*	JP-7-307500	11-1995	Sugiura		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.